JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 413 (1991)

AUTHOR INDEX

Adams, H., (413) 427
Agh-Atabay, N.M., (413) 205
Albrecht, R., (413) 355
Anastasiou, D., (413) 399
Astruc, D., (413) 243

Bailey, N.A., (413) 427
Baldoli, C., (413) 125
Barretta, G.U., (413) 303
Behm, J., (413) 11, C10
Bennett, M.A., (413) 303
Bhatt, J., (413) 263
Boersma, J., (413) 43
Borgne, G. le, (413) C15
Brendel, H.-D., (413) 65
Brown, D.A., (413) 233
Brunner, H., (413) 55
Burzagli, F., (413) 303
Butin, K.P., (413) 1
Buttero, P. Del (413) 125

Calderazzo, F., (413) 91
Carlton, L., (413) 205
Carr, N., (413) 223
Chistyakov, A.L., (413) 419
Cian, A. de, (413) C15
Cook, M.R., (413) 11
Cunningham, D., (413) 269

Davidson, J.L., (413) 205
Davies, S.G., (413) 313
de Cian, A., (413) C15
Del Buttero, P., (413) 125
de Meijere, A., (413) 137
de Vaumas, R., (413) 411
Diamond, G.M., (413) C1
Dossett, S.J., (413) 223

Eder, S.J., (413) 27

Filippou, A.C., (413) 165, 181
Fischer, E.O., (413) 165
Fischer, R.A., (413) C10
Fisher, J., (413) C15
Foxman, B.M., (413) 287
Fung, B.M., (413) 263

Gajda, V., (413) 155
Gambaryan, N.P., (413) 419
Glass, W.K., (413) 233
Goldschmidt, Z., (413) 269
Gottlieb, E., (413) 269
Grand, J.-L. Le (413) 321
Green, M.L.H., (413) C1
Gronbeck, D.A., (413) 287
Grünleitner, W., (413) 165, 181
Guenot, P., (413) 243

Hamon, J.-R., (413) 243
Hamon, P., (413) 243
Hayashi, T., (413) 295
Hegedus, L.S., (413) 143
Herberhold, M., (413) 65
Herrmann, W.A., (413) 11, 27
Hitchcock, P.B., (413) 79
Howell, J.A.S., (413) 269
Hrnčiar, P., (413) 161
Hudeček, M., (413) 155
Huttner, G., (413) 165

Imhof, W., (413) 165

Jackson, W.R., (413) 399
Jaouen, G., (413) 125
Jastrzebski, J.T.B.H., (413) 43
Johnson, B.F.G., (413) 337

Kenny, T.P.E., (413) 257
Kiprof, P., (413) 11, 27, 181
Knipe, A.C., (413) 257
Koten, G. van (413) 43
Kreddan, K.M., (413) 233
Kudinov, A.R., (413) 419

Lappert, M.F., (413) 79
le Borgne, G., (413) C15
Le Grand, J.-L., (413) 321
Lewis, J., (413) 337
Limmer, S., (413) 55
Lindsell, W.E., (413) 321

Maiorana, S., (413) 125
Maitlis, P.M., (413) 427
Marinetti, A., (413) 411
Mathey, F., (413) 411
McArdle, P., (413) 269
McCullough, K.J., (413) 321
Meijere, A. de, (413) 137
Miguel-Garcia, J.A., (413) 427
Miller, J.R., (413) 143
Muratov, D.V., (413) 419

Nicholas, K.M., (413) 263
Nuyken, O., (413) 65

Palin, M.G., (413) 269
Pampaloni, G., (413) 91
Pearsall, M.-A., (413) 337
Pertici, P., (413) 303
Pfeffer, M., (413) C15
Pöhlmann, T., (413) 65
Prashar, S., (413) 79

Rausch, M.D., (413) 111
Reiser, O., (413) 137
Reutov, O.A., (413) 1
Rocchi, L., (413) 91
Romao, C.C., (413) 11
Rosenblum, M., (413) 287
Rotteveel, M.A., (413) C15
Rowley, E.G., (413) C5
Rybinskaya, M.I., (413) 419

Salvadori, P., (413) 303
Schore, N.E., (413) C5
Schwindt, M.A., (413) 143
Scott, L.G., (413) 337
Serratosa, F., (413) 445
Sinbandhit, S., (413) 243
Smallridge, A.J., (413) 131
Stankevich, I.V., (413) 419
Stone, F.G.A., (413) 223
Strähle, J., (413) 91
Strecker, B., (413) 379

Taillefer, M., (413) 11
Tirvengadum, M.-C., (413) 269

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 413 (1991)

AUTHOR INDEX

Adams, H., (413) 427
Agh-Atabay, N.M., (413) 205
Albrecht, R., (413) 355
Anastasiou, D., (413) 399
Astruc, D., (413) 243

Bailey, N.A., (413) 427
Baldoli, C., (413) 125
Barretta, G.U., (413) 303
Behm, J., (413) 11, C10
Bennett, M.A., (413) 303
Bhatt, J., (413) 263
Boersma, J., (413) 43
Borgne, G. le, (413) C15
Brendel, H.-D., (413) 65
Brown, D.A., (413) 233
Brunner, H., (413) 55
Burzagli, F., (413) 303
Butin, K.P., (413) 1
Buttero, P. Del (413) 125

Calderazzo, F., (413) 91
Carlton, L., (413) 205
Carr, N., (413) 223
Chistyakov, A.L., (413) 419
Cian, A. de, (413) C15
Cook, M.R., (413) 11
Cunningham, D., (413) 269

Davidson, J.L., (413) 205
Davies, S.G., (413) 313
de Cian, A., (413) C15
Del Buttero, P., (413) 125
de Meijere, A., (413) 137
de Vaumas, R., (413) 411
Diamond, G.M., (413) C1
Dossett, S.J., (413) 223

Eder, S.J., (413) 27

Filippou, A.C., (413) 165, 181
Fischer, E.O., (413) 165
Fischer, R.A., (413) C10
Fisher, J., (413) C15
Foxman, B.M., (413) 287
Fung, B.M., (413) 263

Gajda, V., (413) 155
Gambaryan, N.P., (413) 419
Glass, W.K., (413) 233
Goldschmidt, Z., (413) 269
Gottlieb, E., (413) 269
Grand, J.-L. Le (413) 321
Green, M.L.H., (413) C1
Gronbeck, D.A., (413) 287
Grünleitner, W., (413) 165, 181
Guenot, P., (413) 243

Hamon, J.-R., (413) 243
Hamon, P., (413) 243
Hayashi, T., (413) 295
Hegedus, L.S., (413) 143
Herberhold, M., (413) 65
Herrmann, W.A., (413) 11, 27
Hitchcock, P.B., (413) 79
Howell, J.A.S., (413) 269
Hrnčiar, P., (413) 161
Hudeček, M., (413) 155
Huttner, G., (413) 165

Imhof, W., (413) 165

Jackson, W.R., (413) 399
Jaouen, G., (413) 125
Jastrzebski, J.T.B.H., (413) 43
Johnson, B.F.G., (413) 337

Kenny, T.P.E., (413) 257
Kiprof, P., (413) 11, 27, 181
Knipe, A.C., (413) 257
Koten, G. van (413) 43
Kreddan, K.M., (413) 233
Kudinov, A.R., (413) 419

Lappert, M.F., (413) 79
le Borgne, G., (413) C15
Le Grand, J.-L., (413) 321
Lewis, J., (413) 337
Limmer, S., (413) 55
Lindsell, W.E., (413) 321

Maiorana, S., (413) 125
Maitlis, P.M., (413) 427
Marinetti, A., (413) 411
Mathey, F., (413) 411
McArdle, P., (413) 269
McCullough, K.J., (413) 321
Meijere, A. de, (413) 137
Miguel-Garcia, J.A., (413) 427
Miller, J.R., (413) 143
Muratov, D.V., (413) 419

Nicholas, K.M., (413) 263
Nuyken, O., (413) 65

Palin, M.G., (413) 269
Pampaloni, G., (413) 91
Pearsall, M.-A., (413) 337
Pertici, P., (413) 303
Pfeffer, M., (413) C15
Pöhlmann, T., (413) 65
Prashar, S., (413) 79

Rausch, M.D., (413) 111
Reiser, O., (413) 137
Reutov, O.A., (413) 1
Rocchi, L., (413) 91
Romao, C.C., (413) 11
Rosenblum, M., (413) 287
Rotteveel, M.A., (413) C15
Rowley, E.G., (413) C5
Rybinskaya, M.I., (413) 419

Salvadori, P., (413) 303
Schore, N.E., (413) C5
Schwindt, M.A., (413) 143
Scott, L.G., (413) 337
Serratosa, F., (413) 445
Sinbandhit, S., (413) 243
Smallridge, A.J., (413) 131
Stankevich, I.V., (413) 419
Stone, F.G.A., (413) 223
Strähle, J., (413) 91
Strecker, B., (413) 379

Taillefer, M., (413) 11
Tirvengadum, M.-C., (413) 269

Toma, Š., (413) 155, 161
Top, S., (413) 125

van Koten, G., (413) 43
Vaumas, R. de, (413) 411
Völkl, C., (413) 181

Walker, N.M., (413) C1
Wang, Y.-P., (413) 111
Watts, W.E., (413) 257
Weiss, E., (413) 355
Werner, H., (413) 379
Wurst, K., (413) 91

Yamazaki, A., (413) 295

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 413 (1991)

SUBJECT INDEX

Aluminium

Methyl- and ethylrhenium oxides, synthesis and structural aspects (W.A. Herrmann, C.C. Romao, P. Kiprof, J. Behm, M.R. Cook, M. Taillefer), (413) 11

Platinum–indium and cobalt-gallium complexes, synthesis of; crystal structure of $[Cy_2P(CH_2CH_2)PCy_2]$-$Pt(InR_2)(R)$ (Cy = cyclo-C_6H_{11}) (R.A. Fischer, J. Behm), (413) C10

Boron

$[NEt_4][WFe_2\{\mu_3\text{-}\eta^3,\eta^5\text{-}CH{=}C{=}C(^tBu)C(O)C_2B_9H_8Me_2\}(CO)_8]$, a tungstendiiron cluster derived from $[Fe_2(CO)_9]$ and $[NEt_4][W(\equiv CC\equiv C^tBu)(CO)_2(\eta^5\text{-}C_2B_9H_9Me_2)]$ (N. Carr, S.J. Dossett, F.G.A. Stone), (413) 223

Chromium

ortho- And *meta*-substituted tricarbonylchromium benzaldehydes, enantioselective reduction by bakers' yeast (S. Top, G. Jaouen, C. Baldoli, P. Del Buttero, S. Maiorana), (413) 125

Chromium aminocarbene complexes in organic synthesis (M.A. Schwindt, J.R. Miller, L.S. Hegedus), (413) 143

$Cr(CO)_6$, acid catalysed complexation with arenes (P. Hrnčiar, Š. Toma), (413) 161

$Cr(CO)_6$, complexation with arenes; catalyst effects (M. Hudeček, V. Gajda, Š. Toma), (413) 155

(η^5-Cyclopentadienyl)dicarbonylnitrosylchromium (cynichrodene), functionally substituted derivatives; formation and reactions of (M.D. Rausch, Y.-P. Wang), (413) 111

1,2 : 9,10-dibenzo[2.2]paracyclophane-1,9-dienes, regioselective complexation of (O. Reiser, A. de Meijere), (413) 137

Cobalt

Acetylenes and diazoketones in organic synthesis (F. Serratosa), (413) 445

Four-membered cobaltaheterocycles from $C_5H_5Co(CNR)(PMe_3)$ and isocyanates or isothiocyanates, synthesis and reactivity of; unusual fragmentation of the chiral isocyanide ligand (*S*)-CNCH(Me)Ph (H. Werner, B. Strecker), (413) 379

Pauson–Khand reaction, application to the synthesis of pentalenic acid (E.G. Rowley, N.E. Schore), (413) C5

Platinum–indium and cobalt-gallium complexes, synthesis of; crystal structure of $[Cy_2P(CH_2CH_2)PCy_2]$-$Pt(InR_2)(R)$ (Cy = cyclo-C_6H_{11}) (R.A. Fischer, J. Behm), (413) C10

Thiophene complexes of cobalt (R. Albrecht, E. Weiss), (413) 355

Copper

Three-membered metallacycle $Cp_3Rh_3(\mu\text{-}CO)_3$, cluster and benzenoid system in reactions with 12-electron particles PPh_3M^+ (M = Cu, Ag, Au) and CpM^+ (M = Fe, Ru) (M.I. Rybinskaya, A.R. Kudinov, D.V. Muratov, N.P. Gambaryan, I.V. Stankevich, A.L. Chistyakov), (413) 419

Gallium

Platinum–indium and cobalt-gallium complexes, synthesis of; crystal structure of $[Cy_2P(CH_2CH_2)PCy_2]$-$Pt(InR_2)(R)$ (Cy = cyclo-C_6H_{11}) (R.A. Fischer, J. Behm), (413) C10

Gold

Three-membered metallacycle $Cp_3Rh_3(\mu\text{-}CO)_3$, cluster and benzenoid system in reactions with 12-electron particles PPh_3M^+ (M = Cu, Ag, Au) and CpM^+ (M = Fe, Ru) (M.I. Rybinskaya, A.R. Kudinov, D.V. Muratov, N.P. Gambaryan, I.V. Stankevich, A.L. Chistyakov), (413) 419

Indium

Platinum–indium and cobalt-gallium complexes, synthesis of; crystal structure of $[Cy_2P(CH_2CH_2)PCy_2]$-$Pt(InR_2)(R)$ (Cy = cyclo-C_6H_{11}) (R.A. Fischer, J. Behm), (413) C10

Iridium

Pentamethylcyclopentadienyliridium complexes, ring-methyl activation in; synthesis of $[(C_5Me_4CH_2$-$E)IrL_n]$ (E = $SiMe_3$, $PhCH_2$, $CH_2{=}CHCH_2$, PPh_2, $Pt(PEt_3)_2Cl$); synthesis and crystal structure of $[(1,3\text{-}C_5Me_3(CH_2SiMe_3)_2)Ir(CO)Me(Cl)]$ (J.A. Miguel-Garcia, H. Adams, N.A. Bailey, P.M. Maitlis), (413) 427

Iron

Acetylenes and diazoketones in organic synthesis (F. Serratosa), (413) 445

4-Alkoxy-4′-cyanobiphenyl esters of ferrocene dicarboxylic acid, preparation and thermal properties of (J. Bhatt, B.M. Fung, K.M. Nicholas), (413) 263

Chiral ferrocenylbisphosphines containing an aminoalkyl side chain, preparation of (T. Hayashi, A. Yamazaki), (413) 295

Deuterated sandwich- and piano-stool organo-iron complexes and polyalkylbenzenes, syntheses of (J.-R. Hamon, P. Hamon, S. Sinbandhit, P. Guenot, D. Astruc), (413) 243

(η^4-Diene)$Fe(CO)_2L$ complexes, evidence for correlated rotation and diastereoisomer discrimination in; crystal and solution structures of (cyclohexadiene)$Fe(CO)_2P(o\text{-tolyl})_3$ and (cycloheptadiene)$Fe(CO)_2$(+)-PPh_2(neomenthyl) (J.A.S. Howell, M.G. Palin, M.-C. Tirvengadum, D. Cunningham, P. McArdle, Z. Goldschmidt, H.E. Gottlieb), (413) 269

Ferrocenyl(alkoxy)methylium cations, generation and isolation of salts of; their intermediacy in acid-promoted acetal hydrolysis (T.P.E. Kenny, A.C. Knipe, W.E. Watts), (413) 257

$[NEt_4][WFe_2\{\mu_3\text{-}\eta^3,\eta^5\text{-}CH{=}C{=}C(^tBu)C(O)C_2B_9H_8Me_2\}(CO)_8]$, a tungstendiiron cluster derived from $[Fe_2(CO)_9]$ and $[NEt_4][W(\equiv CC\equiv C^tBu)(CO)_2(\eta^5\text{-}C_2B_9H_9Me_2)]$ (N. Carr, S.J. Dossett, F.G.A. Stone), (413) 223

Oligonuclear ferrocene derivatives with chalcogene bridges (M. Herberhold, H.-D. Brendel, O. Nuyken, T. Pöhlmann), (413) 65

Stacked face-to-face ferrocene polymer, segment of; crystal and molecular structure of (B.M. Foxman, D.A. Gronbeck, M. Rosenblum), (413) 287

Three-membered metallacycle $Cp_3Rh_3(\mu\text{-}CO)_3$, cluster and benzenoid system in reactions with 12-electron particles PPh_3M^+ (M = Cu, Ag, Au) and CpM^+ (M = Fe, Ru) (M.I. Rybinskaya, A.R. Kudinov, D.V. Muratov, N.P. Gambaryan, I.V. Stankevich, A.L. Chistyakov), (413) 419

Lithium

Oligonuclear ferrocene derivatives with chalcogene bridges (M. Herberhold, H.-D. Brendel, O. Nuyken, T. Pöhlmann), (413) 65

Manganese

η^6-Arenetricarbonylmanganese cations, nucleophilic addition to; role of intermediates in reactions with phosphines (D.A. Brown, W.K. Glass, K.M. Kreddan), (413) 233

Mercury

Organic calomels, recent developments in studies of (O.A. Reutov, K.P. Butin), (413) 1

Metallocenes

4-Alkoxy-4′-cyanobiphenyl esters of ferrocene dicarboxylic acid, preparation and thermal properties of (J. Bhatt, B.M. Fung, K.M. Nicholas), (413) 263

Chiral ferrocenylbisphosphines containing an aminoalkyl side chain, preparation of (T. Hayashi, A. Yamazaki), (413) 295

Oligonuclear ferrocene derivatives with chalcogene bridges (M. Herberhold, H.-D. Brendel, O. Nuyken, T. Pöhlmann), (413) 65

Stacked face-to-face ferrocene polymer, segment of; crystal and molecular structure of (B.M. Foxman, D.A. Gronbeck, M. Rosenblum), (413) 287

Molybdenum

(η^5-C_5Me_5)$(CO)_2$Mo≡$CNEt_2$, low-valent diethylaminocarbyne complex of molybdenum with a pentamethylcyclopentadienyl ligand; synthesis and crystal structure of (A.C. Filippou, W. Grünleitner, E.O. Fischer, W. Imhof, G. Huttner), (413) 165

η^2-Iminoacyl, η^3-1-azaallyl and η^2-1,4-diazabutadien-2-yl complexes of molybdenum, selective formation from ethyl isocyanide complexes (A.C. Filippou, W. Grünleitner, C. Völkl, P. Kiprof), (413) 181

[M{η^3-$C(CF_3)C(CF_3)SR$}$(CF_3$≡$CCF_3)$(η^5-C_5H_5)], molybdenum and tungsten η^2-*C,C*-vinyl complexes; reactions with alkynes leading to novel metallacycles (L. Carlton, N.M. Agh-Atabay, J.L. Davidson), (413) 205

Nickel

Acetylenes and diazoketones in organic synthesis (F. Serratosa), (413) 445

Niobium

η^6-Arene derivatives of niobium(II), niobium(I), and niobium(0); synthesis and reactivity of (F. Calderazzo, G. Pampalini, L. Rocchi, J. Strähle, K. Wurst), (413) 91

Osmium

Organic osmium oxide, pyridine complexes of; synthesis, spectra and crystal structure of $R_2OsO_2\cdot(L)$ and $R_2OsO_2\cdot(L)_2$ (W.A. Herrmann, S.J. Eder, P. Kiprof), (413) 27

Tertiary-phosphine, arsine and stibine complexes of hexaosmium clusters; preparation and aspects of the chemistry of (B.F.G. Johnson, J. Lewis, M.-A. Pearsall, L.G. Scott), (413) 337

Palladium

Acetylenes and diazoketones in organic synthesis (F. Serratosa), (413) 445

Depalladation of organopalladium compounds; annulation of aryl rings and formation of pyrones in (M. Pfeffer, M.A. Rotteveel, A. de Cian, J. Fisher, G. le Borgne), (413) C15

Phosphorus

Chiral ferrocenylbisphosphines containing an aminoalkyl side chain, preparation of (T. Hayashi, A. Yamazaki), (413) 295

Four-membered cobaltaheterocycles from $C_5H_5Co(CNR)(PMe_3)$ and isocyanates or isothiocyanates, synthesis and reactivity of; unusual fragmentation of the chiral isocyanide ligand (*S*)-CNCH(Me)Ph (H. Werner, B. Strecker), (413) 379

P-substituted olefins, base-catalysed addition of optically active P–H complexes (H. Brunner, S. Limmer), (413) 55

Platinum–indium and cobalt-gallium complexes, synthesis of; crystal structure of [$Cy_2P(CH_2CH_2)PCy_2$]-$Pt(InR_2)(R)$ (Cy = cyclo-C_6H_{11}) (R.A. Fischer, J. Behm), (413) C10

Tetranuclear rhodium-triruthenium carbonyl clusters containing phosphorus(III) ligands; crystal and molecular structure of [$RhRu_3(\mu$-$H)_2(\mu$-$CO)(CO)_7(PPh_3)_2(\eta^5$-$C_5H_5)$] (J.-L. Le Grand, W.E. Lindsell, K.J. McCullough), (413) 321

Thiophene complexes of cobalt (R. Albrecht, E. Weiss), (413) 355

Platinum

Platinum–indium and cobalt-gallium complexes, synthesis of; crystal structure of [$Cy_2P(CH_2CH_2)PCy_2$]-$Pt(InR_2)(R)$ (Cy = cyclo-C_6H_{11}) (R.A. Fischer, J. Behm), (413) C10

Rhenium

Methyl- and ethylrhenium oxides, synthesis and structural aspects (W.A. Herrmann, C.C. Romao, P. Kiprof, J. Behm, M.R. Cook, M. Taillefer), (413) 11

Rhodium

P-substituted olefins, base-catalysed addition of optically active P–H complexes (H. Brunner, S. Limmer), (413) 55

Phosphaalkene complexes, catalytic hydrogenation of the phosphorus–carbon double bond (R. de Vaumas, A. Marinetti, F. Mathey), (413) 411

Tetranuclear rhodium-triruthenium carbonyl clusters containing phosphorus(III) ligands; crystal and molecular structure of $[RhRu_3(\mu\text{-}H)_2(\mu\text{-}CO)(CO)_7(PPh_3)_2(\eta^5\text{-}C_5H_5)]$ (J.-L. Le Grand, W.E. Lindsell, K.J. McCullough), (413) 321

Three-membered metallacycle $Cp_3Rh_3(\mu\text{-}CO)_3$, cluster and benzenoid system in reactions with 12-electron particles PPh_3M^+ (M = Cu, Ag, Au) and CpM^+ (M = Fe, Ru) (M.I. Rybinskaya, A.R. Kudinov, D.V. Muratov, N.P. Gambaryan, I.V. Stankevich, A.L. Chistyakov), (413) 419

Unsaturated amines, rhodium-catalysed reactions with hydrogen and carbon monoxide; new synthesis of 2-piperidinones (D. Anastasiou, W.R. Jackson), (413) 399

Ruthenium

$[(\eta^5\text{-}C_5H_5)L_2Ru{=}C{=}C(Me)Ph]^+$ ($L_2 = (PMe_3)_2$ or $(PPh_2CH_2)_2$), stereoselective nucleophilic addition of cyanide to (S.G. Davies, A.J. Smallridge), (413) 313

$Ru(\eta^6\text{-naphthalene})(\eta^4\text{-}1,5\text{-cyclooctadiene})$/acetonitrile system, homogeneous catalytic precursor for fast isomerization of 1,5-cyclooctadiene and 1-hexene (P. Pertici, G. Uccello Barretta, F. Burzagli, P. Salvadori, M.A. Bennett), (413) 303

Tetranuclear rhodium-triruthenium carbonyl clusters containing phosphorus(III) ligands; crystal and molecular structure of $[RhRu_3(\mu\text{-}H)_2(\mu\text{-}CO)(CO)_7(PPh_3)_2(\eta^5\text{-}C_5H_5)]$ (J.-L. Le Grand, W.E. Lindsell, K.J. McCullough), (413) 321

Three-membered metallacycle $Cp_3Rh_3(\mu\text{-}CO)_3$, cluster and benzenoid system in reactions with 12-electron particles PPh_3M^+ (M = Cu, Ag, Au) and CpM^+ (M = Fe, Ru) (M.I. Rybinskaya, A.R. Kudinov, D.V. Muratov, N.P. Gambaryan, I.V. Stankevich, A.L. Chistyakov), (413) 419

Samarium

Samarocene and ytterbocene hydroxides, synthesis and crystal structures of $[\{SmCp''_2(\mu\text{-}OH)\}_2]$ and $[\{YbCp'_2(\mu\text{-}OH)\}_2]$ [$Cp'' = \eta^5\text{-}C_5H_3(SiMe_3)_2\text{-}1,3$; $Cp' = \eta^5\text{-}C_5H_4SiMe_3$] (P.B. Hitchcock, M.F. Lappert, S. Prashar), (413) 79

Selenium

Oligonuclear ferrocene derivatives with chalcogene bridges (M. Herberhold, H.-D. Brendel, O. Nuyken, T. Pöhlmann), (413) 65

Silicon

Methyl- and ethylrhenium oxides, synthesis and structural aspects (W.A. Herrmann, C.C. Romao, P. Kiprof, J. Behm, M.R. Cook, M. Taillefer), (413) 11

Organic osmium oxide, pyridine complexes of; synthesis, spectra and crystal structure of $R_2OsO_2\cdot(L)$ and $R_2OsO_2\cdot(L)_2$ (W.A. Herrmann, S.J. Eder, P. Kiprof), (413) 27

Pentamethylcyclopentadienyliridium complexes, ring-methyl activation in; synthesis of $[(C_5Me_4CH_2\text{-}E)IrL_n]$ (E = $SiMe_3$, $PhCH_2$, $CH_2{=}CHCH_2$, PPh_2, $Pt(PEt_3)_2Cl$); synthesis and crystal structure of $[(1,3\text{-}C_5Me_3(CH_2SiMe_3)_2)Ir(CO)Me(Cl)]$ (J.A. Miguel-Garcia, H. Adams, N.A. Bailey, P.M. Maitlis), (413) 427

Platinum–indium and cobalt-gallium complexes, synthesis of; crystal structure of $[Cy_2P(CH_2CH_2)PCy_2]\text{-}Pt(InR_2)(R)$ (Cy = cyclo-C_6H_{11}) (R.A. Fischer, J. Behm), (413) C10

Silver

Acetylenes and diazoketones in organic synthesis (F. Serratosa), (413) 445

Three-membered metallacycle $Cp_3Rh_3(\mu\text{-}CO)_3$, cluster and benzenoid system in reactions with 12-elec-

tron particles PPh_3M^+ (M = Cu, Ag, Au) and CpM^+ (M = Fe, Ru) (M.I. Rybinskaya, A.R. Kudinov, D.V. Muratov, N.P. Gambaryan, I.V. Stankevich, A.L. Chistyakov), (413) 419

Technetium

Methyl- and ethylrhenium oxides, synthesis and structural aspects (W.A. Herrmann, C.C. Romao, P. Kiprof, J. Behm, M.R. Cook, M. Taillefer), (413) 11

Tellurium

Oligonuclear ferrocene derivatives with chalcogene bridges (M. Herberhold, H.-D. Brendel, O. Nuyken, T. Pöhlmann), (413) 65

Tin

Organotin(IV) compounds 2-$(Me_2NCHR)C_6H_4(SnR'R''Br)$, fixed *s-cis* arrangement of the chiral carbon and tin centers; crystal structure of 2-$(Me_2NCHBu^t)C_6H_4SnMePhBr$ (J.T.B.H. Jastrzebski, J. Boersma, G. van Koten), (413) 43

Titanium

Methyl- and ethylrhenium oxides, synthesis and structural aspects (W.A. Herrmann, C.C. Romao, P. Kiprof, J. Behm, M.R. Cook, M. Taillefer), (413) 11

Titanium and zirconium half-sandwich η-cycloheptatrienyl and η-toluene derivatives, one-pot synthesis of; crystal structure of $[Zr(\eta^6\text{-}C_6H_5Me)(PMe_3)_2Cl_2]$ (G.M. Diamond, M.L.H. Green, N.M. Walker), (413) C1

Tungsten

$[M\{\eta^3\text{-}C(CF_3)C(CF_3)SR\}(CF_3{\equiv}CCF_3)(\eta^5\text{-}C_5H_5)]$, molybdenum and tungsten η^2-*C,C*-vinyl complexes; reactions with alkynes leading to novel metallacycles (L. Carlton, N.M. Agh-Atabay, J.L. Davidson), (413) 205

$[NEt_4][WFe_2\{\mu_3\text{-}\eta^3,\eta^5\text{-}CH{=}C{=}C(^tBu)C(O)C_2B_9H_8Me_2\}(CO)_8]$, a tungstendiiron cluster derived from $[Fe_2(CO)_9]$ and $[NEt_4][W(\equiv CC{\equiv}C^tBu)(CO)_2(\eta^5\text{-}C_2B_9H_9Me_2)]$ (N. Carr, S.J. Dossett, F.G.A. Stone), (413) 223

Ytterbium

Samarocene and ytterbocene hydroxides, synthesis and crystal structures of $[\{SmCp''_2(\mu\text{-}OH)\}_2]$ and $[\{YbCp'_2(\mu\text{-}OH)\}_2]$ [$Cp'' = \eta^5\text{-}C_5H_3(SiMe_3)_2$-1,3; $Cp' = \eta^5\text{-}C_5H_4SiMe_3$] (P.B. Hitchcock, M.F. Lappert, S. Prashar), (413) 79

Zinc

Methyl- and ethylrhenium oxides, synthesis and structural aspects (W.A. Herrmann, C.C. Romao, P. Kiprof, J. Behm, M.R. Cook, M. Taillefer), (413) 11

Zirconium

Titanium and zirconium half-sandwich η-cycloheptatrienyl and η-toluene derivatives, one-pot synthesis of; crystal structure of $[Zr(\eta^6\text{-}C_6H_5Me)(PMe_3)_2Cl_2]$ (G.M. Diamond, M.L.H. Green, N.M. Walker), (413) C1